

NOVEMBER/DECEMBER 2024

23USMB24 — SERICULTURE (SEC III)

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What is the role of mulberry in sericulture?
2. Specify any two species of mulberry plant.
3. Short note on silkworm.
4. Draw a neat diagram of silk moth.
5. Define symbiosis.
6. What is grasserie disease?
7. What is cocoon?
8. Write about rearing of silk moth.
9. How can you promote the importance of sericulture among rural people?
10. Write an account of environmental control in sericulture.



SECTION B — ($5 \times 5 = 25$ marks)

Answer ALL questions.

11. (a) Discuss the taxonomic characters of Mulberry plant.

Or

- (b) Discuss economical importance of sericulture in India.

12. (a) Detailed account morphological character of silkworm.

Or

- (b) What is the morphology of silk worm larvae?

13. (a) Discuss:

- (i) Parasitism
- (ii) Commensalisms
- (iii) Symbiosis.

Or

- (b) Brief account of pests and predators of silkworms.

14. (a) Explain the process of rearing of silkworm.

Or

- (b) Specify the value added products of mulberry and silkworm.

15. (a) Detailed account on planning for entrepreneurship and development program of sericulture.

Or

- (b) Discuss the subsidiary facilities of EDP in sericulture.

SECTION C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

16. Brief account of different varieties of mulberry plant cultivation and protection.
17. Explain the life cycle of silkworm.
18. Detailed account of silkworm diseases.
19. Discuss – cocoon assessment and processing technologies.
20. What are the facilities required to start sericulture business.

